

ABSTRACT

When an H-ARQ is used for downlink high-speed packet transmission, appropriate transmit power control is performed on a retransmission packet for effective use of transmit power resources and reduced interference in a radio communication system, and the transmit power of the retransmission packets (transmission #2, transmission #3) is controlled to transmit power value so that the reception quality of the retransmission 5 packets at the mobile station apparatus is lower than the reception quality of the initial transmission packet (transmission #1) at the mobile station apparatus. For example, the transmit power value of the retransmission 10 packet is controlled to a value lower than the transmit power value of the initial transmission packet by a predetermined value X [dB]. For example, the transmit power value of the retransmission 15 packet is controlled to a value lower than the transmit power value of the initial transmission packet by a predetermined value X [dB].